

Hui Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

1,119
citations

394421

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477307

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all docs

59
docs citations

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times ranked

1455
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#	ARTICLE	IF	CITATIONS
1	Bilirubin Reduces the Uptake of Estrogen Precursors and the Followed Synthesis of Estradiol in Human Placental Syncytiotrophoblasts via Inhibition and Downregulation of Organic Anion Transporter 4. <i>Drug Metabolism and Disposition</i> , 2022, 50, 341-350.	3.3	2
2	Inhibiting uptake activity of organic anion transporter 2 by bile acids. <i>Drug Metabolism and Pharmacokinetics</i> , 2022, 43, 100448.	2.2	3
3	Estradiol reduced 5-HT reuptake by downregulating the gene expression of Plasma Membrane Monoamine Transporter (PMAT, Slc29a4) through estrogen receptor β and the MAPK/ERK signaling pathway. <i>European Journal of Pharmacology</i> , 2022, 924, 174939.	3.5	9
4	Upregulation of hepatic CD36 by increased corticosterone/cortisol levels via GR leads to lipid accumulation in liver and hypertriglyceridaemia during pregnancy. <i>British Journal of Pharmacology</i> , 2022, 179, 4440-4456.	5.4	7
5	Upregulation of hepatic CD36 via glucocorticoid receptor activation contributes to dexamethasone-induced liver lipid metabolism disorder in mice. <i>Toxicology Letters</i> , 2022, 363, 1-10.	0.8	5
6	Downregulation of glucose-6-phosphatase expression contributes to fluoxetine-induced hepatic steatosis. <i>Journal of Applied Toxicology</i> , 2021, 41, 1232-1240.	2.8	7
7	Determination of intracellular anlotinib, osimertinib, afatinib and gefitinib accumulations in human brain microvascular endothelial cells by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e8955.	1.5	8
8	Effects of rhein and Rheum palmatum L. extract on the pharmacokinetics and tissue distribution of aristolochic acid I and its demethylated metabolite in rats. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113537.	4.1	8
9	L-tetrahydropalmatine reduces oxaliplatin accumulation in the dorsal root ganglion and mitochondria through selectively inhibiting the transporter-mediated uptake thereby attenuates peripheral neurotoxicity. <i>Toxicology</i> , 2021, 459, 152853.	4.2	12
10	Gut inflammation exacerbates high-fat diet induced steatosis by suppressing VLDL-TG secretion through HNF4 α pathway. <i>Free Radical Biology and Medicine</i> , 2021, 172, 459-469.	2.9	8
11	Recent advances in therapeutic nucleic acids and their analytical methods. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 206, 114368.	2.8	22
12	Organic Cation Transporter 1 and 3 Contribute to the High Accumulation of Dehydrocorydaline in the Heart. <i>Drug Metabolism and Disposition</i> , 2020, 48, 1074-1083.	3.3	16
13	Downregulation of OCTN2 by cytokines plays an important role in the progression of inflammatory bowel disease. <i>Biochemical Pharmacology</i> , 2020, 178, 114115.	4.4	17
14	Pregnancy Impacts Entecavir Pharmacokinetics but Does Not Alter Its Renal Excretion. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 1811-1818.	3.3	3
15	Rapid quantification of tenofovir in umbilical cord plasma and amniotic fluid in hepatitis B mono-infected pregnant women during labor by ultra-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8728.	1.5	4
16	Local and Systemic Immune Dysregulation Alters Glioma Growth in Hyperglycemic Mice. <i>Clinical Cancer Research</i> , 2020, 26, 2740-2753.	7.0	9
17	L-tetrahydropalmatine attenuates cisplatin-induced nephrotoxicity via selective inhibition of organic cation transporter 2 without impairing its antitumor efficacy. <i>Biochemical Pharmacology</i> , 2020, 177, 114021.	4.4	14
18	Dehydrocorydaline induced antidepressant-like effect in a chronic unpredictable mild stress mouse model via inhibiting uptake-2 monoamine transporters. <i>European Journal of Pharmacology</i> , 2019, 864, 172725.	3.5	10

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19	Up-regulation of hepatic fatty acid transporters and inhibition/down-regulation of hepatic OCTN2 contribute to olanzapine-induced liver steatosis. <i>Toxicology Letters</i> , 2019, 316, 183-193.	0.8	21
20	Roles of organic anion transporter 2 and equilibrative nucleoside transporter 1 in hepatic disposition and antiviral activity of entecavir during non-pregnancy and pregnancy. <i>British Journal of Pharmacology</i> , 2019, 176, 3236-3249.	5.4	16
21	Multiple Drug Transporters Contribute to the Placental Transfer of Emtricitabine. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	16
22	Maternal Plasma L-Carnitine Reduction During Pregnancy Is Mainly Attributed to OCTN2-Mediated Placental Uptake and Does Not Result in Maternal Hepatic Fatty Acid β -Oxidation Decline. <i>Drug Metabolism and Disposition</i> , 2019, 47, 582-591.	3.3	9
23	Luteolin shows antidepressant-like effect by inhibiting and downregulating plasma membrane monoamine transporter (PMAT, Slc29a4). <i>Journal of Functional Foods</i> , 2019, 54, 440-448.	3.4	15
24	Clozapine-induced reduction of L-carnitine reabsorption via inhibition/down-regulation of renal carnitine/organic cation transporter 2 contributes to liver lipid metabolic disorder in mice. <i>Toxicology and Applied Pharmacology</i> , 2019, 363, 47-56.	2.8	16
25	Jatrorrhizine reduces 5-HT and NE uptake via inhibition of uptake-2 transporters and produces antidepressant-like action in mice. <i>Xenobiotica</i> , 2019, 49, 1237-1243.	1.1	7
26	Co-administration of nuciferine reduces the concentration of metformin in liver via differential inhibition of hepatic drug transporter OCT1 and MATE1. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 411-419.	1.9	9
27	S100B suppression alters polarization of infiltrating myeloid-derived cells in gliomas and inhibits tumor growth. <i>Cancer Letters</i> , 2018, 439, 91-100.	7.2	37
28	Development and Validation of a HPLC-ESI-MS/MS Method for Simultaneous Quantification of Fourteen Alkaloids in Mouse Plasma after Oral Administration of the Extract of <i>Corydalis yanhusuo</i> Tuber: Application to Pharmacokinetic Study. <i>Molecules</i> , 2018, 23, 714.	3.8	19
29	K-targeted strategy for isolation of phenolic alkaloids of <i>Nelumbo nucifera</i> Gaertn by counter-current chromatography using lysine as a pH regulator. <i>Journal of Chromatography A</i> , 2017, 1490, 115-125.	3.7	28
30	Multiple organic cation transporters contribute to the renal transport of sulpiride. <i>Biopharmaceutics and Drug Disposition</i> , 2017, 38, 526-534.	1.9	17
31	Mechanism for ginkgolic acid (15 : 1)-induced MDCK cell necrosis: Mitochondria and lysosomes damages and cell cycle arrest. <i>Chinese Journal of Natural Medicines</i> , 2017, 15, 375-383.	1.3	10
32	Screening and verifying potential NTCP inhibitors from herbal medicinal ingredients using the LLC-PK1 cell model stably expressing human NTCP. <i>Chinese Journal of Natural Medicines</i> , 2016, 14, 549-560.	1.3	8
33	The bioactive components of <i>Coreopsis tinctoria</i> (Asteraceae) capitula: Antioxidant activity in vitro and profile in rat plasma. <i>Journal of Functional Foods</i> , 2016, 20, 575-586.	3.4	40
34	Interaction of six protoberberine alkaloids with human organic cation transporters 1, 2 and 3. <i>Xenobiotica</i> , 2016, 46, 175-183.	1.1	25
35	Physicochemical Properties and Bioavailability of Lutein Microencapsulation(LM). <i>Food Science and Technology Research</i> , 2015, 21, 503-507.	0.6	11
36	Aristolochic acid I is a substrate of BCRP but not P-glycoprotein or MRP2. <i>Journal of Ethnopharmacology</i> , 2015, 172, 430-435.	4.1	14

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37	A novel strategy for screening new natural products by a combination of reversed-phase liquid chromatography fractionation and ¹³ C NMR pattern recognition: the discovery of new anti-cancer flavone dimers from <i>Dyosma versipellis</i> (Hance). <i>RSC Advances</i> , 2015, 5, 77553-77564.	3.6	17
38	The Contribution of Human OCT1, OCT3, and CYP3A4 to Nitidine Chloride-Induced Hepatocellular Toxicity. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1227-1234.	3.3	35
39	Post-column mobile phase adjustment: A strategy to eliminate the contradiction between liquid chromatography and mass spectrometry in the determination of flavonoids in rat plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 176-183.	2.8	13
40	In vitro interaction of clopidogrel and its hydrolysate with OCT1, OCT2 and OAT1. <i>International Journal of Pharmaceutics</i> , 2014, 465, 5-10.	5.2	13
41	Interaction of five anthraquinones from rhubarb with human organic anion transporter 1 (SLC22A6) and 3 (SLC22A8) and drug-drug interaction in rats. <i>Journal of Ethnopharmacology</i> , 2014, 153, 864-871.	4.1	48
42	Comprehensive multi-channel multi-dimensional counter-current chromatography for separation of tanshinones from <i>Salvia miltiorrhiza</i> Bunge. <i>Journal of Chromatography A</i> , 2014, 1323, 73-81.	3.7	28
43	Demethylation of neferine in human liver microsomes and formation of quinone methide metabolites mediated by CYP3A4 accentuates its cytotoxicity. <i>Chemico-Biological Interactions</i> , 2014, 224, 89-99.	4.0	15
44	Cyclosporin A affects the bioavailability of ginkgolic acids via inhibition of P-gp and BCRP. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 759-767.	4.3	28
45	Inhibition of organic cation transporter 2 and 3 may be involved in the mechanism of the antidepressant-like action of berberine. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 49, 1-6.	4.8	52
46	Involvement of organic cation transporter 1 and CYP3A4 in retrorsine-induced toxicity. <i>Toxicology</i> , 2014, 322, 34-42.	4.2	35
47	Determination of three triterpene alcohols in rat plasma after oral administration of pollen of <i>Brassica campestris</i> based on the utilization of fetal bovine serum as surrogate matrix. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 944, 11-17.	2.3	3
48	The interaction between human breast cancer resistance protein (BCRP) and five bisbenzylisoquinoline alkaloids. <i>International Journal of Pharmaceutics</i> , 2013, 453, 371-379.	5.2	23
49	Stereoselective binding of chiral drugs to plasma proteins. <i>Acta Pharmacologica Sinica</i> , 2013, 34, 998-1006.	6.1	89
50	Organic cation transporter 1 mediates the uptake of monocrotaline and plays an important role in its hepatotoxicity. <i>Toxicology</i> , 2013, 311, 225-230.	4.2	52
51	In vitro characterization of ABC transporters involved in the absorption and distribution of liensinine and its analogs. <i>Journal of Ethnopharmacology</i> , 2013, 150, 485-491.	4.1	25
52	Luteolin is a rare substrate of human catechol-O-methyltransferase favoring a para-methylation. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 877-885.	3.3	22
53	Application of a liquid chromatography-tandem mass spectrometry method to the pharmacokinetics, tissue distribution and excretion studies of <i>Dactylicapnos scandens</i> in rats. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 74, 92-100.	2.8	24
54	Characterization of phenolics of <i>Sarcandra glabra</i> by non-targeted high-performance liquid chromatography fingerprinting and following targeted electrospray ionisation tandem mass spectrometry/time-of-flight mass spectrometry analyses. <i>Food Chemistry</i> , 2013, 138, 2390-2398.	8.2	41

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55	Stereoselective Interaction Between Tetrahydropalmatine Enantiomers and CYP Enzymes in Human Liver Microsomes. <i>Chirality</i> , 2013, 25, 43-47.	2.6	25
56	Identification of Three New N-Demethylated and O-Demethylated Bisbenzylisoquinoline Alkaloid Metabolites of Isoliensinine from Dog Hepatic Microsomes. <i>Molecules</i> , 2012, 17, 11712-11720.	3.8	9
57	Fragmentation study on the phenolic alkaloid neferine and its analogues with anti-HIV activities by electrospray ionization tandem mass spectrometry with hydrogen/deuterium exchange and its application for rapid identification of in vitro microsomal metabolites of neferine. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 2120-2128.	1.5	39